

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S25 5	1	("20040130815").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/11/14 13:20
S25 6	1	(head near2 assembly) near4 (planar near3 surface) and (slid\$3 near2 (abutment contact\$3)) and (thermal near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 13:45
S25 7	163	(head near2 assembly) and (slid\$3 near2 (abutment contact\$3)) and (thermal near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:15
S25 8	1	S257 and (monolithic near2 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 13:29
S25 9	93	S257 and "360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 13:29
S26 0	1	((head near2 assembly) near4 (planar near3 surface)) and (slid\$3 near2 (abutment contact\$3)) and (low near2 thermal near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 13:46
S26 1	6	(head near2 assembly) and (slid\$3 near2 (abutment contact\$3)) and (low near2 thermal near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:00
S26 2	1	((head near2 assembly) near4 (planar\$6 near2 surface)) and (low near2 thermal\$2 near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:02
S26 3	182	(head near2 assembly) and (low near2 thermal\$2 near2 expansion)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:02

## EAST Search History

S26 4	15	S263 and "360"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:06
S26 5	6	S263 and (slid\$3 near2 (contact abutment))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:07
S26 6	40	S263 and ((multiple many several) near2 (head transducer))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 14:12
S26 7	3	(thermal near2 expansion) same (avoid\$3 reduc\$3 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 16:34
S26 8	15	(thermal near2 expansion) and (avoid\$3 reduc\$3 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 16:39
S26 9	31	(thermal near2 expansion) and (avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/14 16:39
S27 0	53	(thermal near2 expansion) and (avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 11:18
S27 1	53	(thermal near2 expansion) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near3 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 11:19
S27 2	50	(thermal near2 expansion) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near2 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 13:42
S27 3	54	(thermal near2 expansion) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near4 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 11:19

## EAST Search History

S27 4	3	((low\$3 decreas\$3) near3 (thermal near2 expansion)) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near2 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 13:49
S27 5	1	(substrate near2 (thermal near2 expansion)) and ((avoid\$3 reduc\$3 minimiz\$6 eliminat\$3) near2 (track near2 (mis\$1align\$4 mis\$1registrat\$3) or TMR))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/11/16 13:49